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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Kenneth H. Heffner, Charles W. Reed and David M. File

For: Wear-Resistant Electrically Conductive Body

Group Art Unit 1775

Serial No.10/ 662,162

Examiner: Archene Turner

Filed September 12, 2003

Navy Case Number 75463

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RESPONSE TO FINAL OFFICE ACTION MAILED OCTOBER 12, 2006

HONORABLE COMMISSIONER OF PATENTS

P.O. Box 1450

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Sir:

It is requested that the present amendment be entered in order to place the present patent application in condition for allowance.

Amended independent claim 2 and amended dependent claim 3 are attached. Non-amended dependent claim 4 is also attached.

It is submitted that claimed subject matter of amended independent claim 2 and amended dependent claim 3 is not taught and is not obvious from Dorfman et al. (U.S. 5,786,068).

It is also submitted that claimed subject matter of non-amended dependent claim 4 is not taught and is not obvious from Dorfman et al. (U.S. 5,786,068).

Non-elected claims 1 and 5-7 are also attached.